

20061030.ba v03\_n969.bam.20061030

>From ???@??? Mon Oct 30 18:27:38 2006 -0600  
Date: Mon, 30 Oct 2006 18:25:48 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3969  
Message-Id: <20061031002550.5D14B1B7EE9@srvr1.theporch.com>

### BOATANCHORS Digest 3969

Topics covered in this issue include:

- 1) Re: Looking for a source of machine screw size spade bolts for radio repair  
by John Poulton <jp@cs.unc.edu>
- 2) HA-20 Manual  
by Robert Kemp <bkemp@bobkemp.com>
- 3) Re: Looking for a source of machine screw size spade bolts for radio repair  
by john <johnmb@nc.rr.com>
- 4) RE: Looking for a source of machine screw size spade bolts for radio repair  
by "Ed Sieb" <esieb@sympatico.ca>
- 5) Hallicrafters HA-20 rf pickup wanted  
by Bob Kemp <bkemp@bobkemp.com>
- 6) [FWD: Centenary of 500 kHz]  
by Jerry Proc <jerry7proc@yahoo.com>
- 7) Hallicrafters SR500 Front Panel  
by Bob Kemp <bkemp@bobkemp.com>
- 8) Re: Centenary of 500 kHz]  
by "Ken Hickman" <n5cm@rtconline.com>
- 9) National NC-300 From Silent Key Estate  
by "Joe Watson" <wwatson5@cox.net>
- 10) RF amplifier stage pentode  
by "Tom Rauch" <w8ji@contesting.com>
- 11) Re: RF amplifier stage pentode  
by "Arden Allen" <gumbear@pacbell.net>
- 12) Re: RF amplifier stage pentode  
by "Tom Rauch" <w8ji@contesting.com>
- 13) Re: RF amplifier stage pentode  
by AAfradio <mike\_25-z@aafradio.org>
- 14) Re: RF amplifier stage pentode  
by "Morris Odell" <vilgotch@bigpond.net.au>
- 15) Re: RF amplifier stage pentode  
by spr@earthlink.net
- 16) Re: RF amplifier stage pentode  
by AAfradio <mike\_25-z@aafradio.org>
- 17) Re: RF amplifier stage pentode

by "Morris Odell" <vilgotch@bigpond.net.au>  
18) Re: RF amplifier stage pentode  
by AAFRadio <mike\_25-z@aafradio.org>

-----  
Date: Fri, 27 Oct 2006 09:24:32 -0400 (EDT)  
From: John Poulton <jp@cs.unc.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Looking for a source of machine screw size spade bolts for radio repair  
Message-ID: <Pine.LNX.4.64.0610270923150.20265@swan.cs.unc.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Keystone has them in 6-32 and 8-32. See:

[http://www.keyelco.com/dynamicnav/subcategory\\_contents.asp?SubCategoryID=123](http://www.keyelco.com/dynamicnav/subcategory_contents.asp?SubCategoryID=123)

Download the PDF for their catalog page 36, and you'll see spade bolts and lots of other interesting thingies!

Now.. as for where to actually ORDER the things, that might require a bit of digging.

73, John K4OZY

--

-----  
Message-ID: <45422BA3.5000405@bobkemp.com>  
Date: Fri, 27 Oct 2006 10:54:11 -0500  
From: Robert Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HA-20 Manual  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Anyone have a copy of a HA-20 manual they can scan and email me?  
Bob  
wa0vrc

-----  
Message-Id: <6.2.1.2.2.20061027173210.02dbb540@pop-server.nc.rr.com>  
Date: Fri, 27 Oct 2006 17:33:09 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>

Subject: Re: Looking for a source of machine screw size spade bolts for  
radio repair

Cc: Old Tube Radios <boatanchors@theporch.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

JP, Mouser will order just about anything from Keystone (I've recently done  
this with some pins and receptacles from Keystone).

Neat little niche supplier!

John K5MO

At 09:24 AM 10/27/2006, John Poulton wrote:

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>

>[http://www.keyelco.com/dynamicnav/subcategory\\_contents.asp?SubCategoryID=123](http://www.keyelco.com/dynamicnav/subcategory_contents.asp?SubCategoryID=123)

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>of digging.

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>73, John K4OZY

>

>--

>

>

>--

>No virus found in this incoming message.

>Checked by AVG Free Edition.

>Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date: 10/26/2006

--

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date: 10/26/2006

-----

Message-ID: <BAYC1-PASMTPO7A3124976530BF6341F7DC9040@CEZ.ICE>

From: "Ed Sieb" <esieb@sympatico.ca>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: Looking for a source of machine screw size spade bolts for radio  
repair

Date: Fri, 27 Oct 2006 18:05:20 -0400  
Message-ID: <NIBBKNOFPNLAGHLELMPLAEHOKNAA.esieb@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The following Keystone Distributors are  
Authorized "On-Line" Ordering Partners:

Allied Electronics  
Bisco Industries  
Digi-Key Corp.  
Heilind/Force Electronics  
Mouser Electronics  
Newark InOne

Ed. VA3ES

-----  
John K5MO wrote:  
JP, Mouser will order just about anything from Keystone (I've recently done  
this with some pins and receptacles from Keystone).  
Neat little niche supplier!

-----  
Message-ID: <454341B8.5060506@bobkemp.com>  
Date: Sat, 28 Oct 2006 06:40:40 -0500  
From: Bob Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hallicrafters HA-20 rf pickup wanted  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I don't suppose anyone would have one of these laying around without the  
HA-20? At least thought I'd ask before I build one!  
Bob  
wa0vrc

-----  
Message-ID: <20061028203749.44235.qmail@web90602.mail.mud.yahoo.com>  
Date: Sat, 28 Oct 2006 13:37:49 -0700 (PDT)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: [FWD: Centenary of 500 kHz]

To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

The Berlin Convention established 500kc/s as the  
distress and calling frequency and also agreement that  
SOS would be the international distress signal.

Amateur radio stations will be on air to celebrate  
this centenary.

GB500KCS from South West Cornwall, DL500KHZ from  
Cuxhaven and IY1SP/500KCS from La Spezia. Click on the  
URL for details of dates and frequency information.

<http://www.roassn.org/>

--  
Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

---

--  
Access over 1 million songs - Yahoo! Music Unlimited  
(<http://music.yahoo.com/unlimited>)

-----  
Message-ID: <4543F816.7030005@bobkemp.com>  
Date: Sat, 28 Oct 2006 19:38:46 -0500  
From: Bob Kemp <[bkemp@bobkemp.com](mailto:bkemp@bobkemp.com)>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hallicrafters SR500 Front Panel  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Would anyone have a front panel for a SR500?  
Bob  
wa0vrc

-----  
Message-ID: <001001c6fad5\$febcc540\$6b9c1f45@rtconline.com>  
From: "Ken Hickman" <[n5cm@rtconline.com](mailto:n5cm@rtconline.com)>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Centenary of 500 kHz]  
Date: Sat, 28 Oct 2006 21:14:03 -0000  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Jerry,

Not to be nit-pickin', but SOS technically is not the  
distress signal sent by the operator. The official  
distress signal is threedotsthreedashethreedots,  
...---... , one character not separate letters SOS.  
The auto alarm distress signal is a series of four  
second dashes separated by one second intervals.  
FWIW,

Ken N5CM

----- Original Message -----

From: "Jerry Proc" <jerry7proc@yahoo.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Saturday, October 28, 2006 8:37 PM  
Subject: [FWD: Centenary of 500 kHz]

> The Berlin Convention established 500kc/s as the  
> distress and calling frequency and also agreement that  
> SOS would be the international distress signal.  
>  
> Amateur radio stations will be on air to celebrate  
> this centenary.  
>  
> GB500KCS from South West Cornwall, DL500KHZ from  
> Cuxhaven and IY1SP/500KCS from La Spezia. Click on the  
> URL for details of dates and frequency information.  
>  
> <http://www.roassn.org/>  
>  
>  
> --  
> Regards,  
> Jerry Proc  
> E-mail: jerry7proc@yahoo.com  
>  
>  
>

>

-----  
> Access over 1 million songs - Yahoo! Music Unlimited  
> (<http://music.yahoo.com/unlimited>)  
>  
>

-----  
Message-ID: <000a01c6fb14\$51844b20\$6700a8c0@NEWHP>  
From: "Joe Watson" <[wwatson5@cox.net](mailto:wwatson5@cox.net)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: National NC-300 From Silent Key Estate  
Date: Sat, 28 Oct 2006 23:40:08 -0500  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0007\_01C6FAEA.66EBAB90"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0007\_01C6FAEA.66EBAB90  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I have a very dirty NC-300 from the estate of a Silent Key that I would =  
like to sell. It appears to be all there except for one knob. It is =  
very dirty and a little rust internally. I have a couple of JPEGs I =  
could send if anyone is interested. I also have a matching speaker in =  
similar condition. Speaker cone appears okay. I would be happy to sell =  
the radio and speaker for \$85. I would prefer a pickup in the Oklahoma =  
City area. However, let's see what interest there may be.

Joe W5WBR  
-----=\_NextPart\_000\_0007\_01C6FAEA.66EBAB90  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_0007\_01C6FAEA.66EBAB90--

-----  
Message-ID: <022a01c6fc39\$7f869660\$650fa8c0@radiatoroom>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RF amplifier stage pentode  
Date: Mon, 30 Oct 2006 10:38:43 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

I know this is a long shot, but does anyone have any idea  
what a very stout or the most stoutest RF amplifier tube is  
for a receiver?

Remote cutoff so it can be AGC'ed?

I've got a very good mixer with a beam deflection tube in a  
homebrew receiver but need an equally good RF amplifier.

Thanks,

Tom

-----  
Message-ID: <004b01c6fc3e\$d8816b50\$3de47443@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Date: Mon, 30 Oct 2006 08:16:59 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Remote cutoff so it can be AGC'ed?

I like a good "stout" beer but "remote cutoff" I guess means you have to  
drive home after the party ;-)

For octals try a 6SG7. For miniatures the common 6BZ6 is a good choice.  
Don't take the antenna/input tank for granted.

Arden Allen



KB6NAX

-----  
Message-ID: <02a301c6fc46\$79f69030\$650fa8c0@radiatoroom>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Date: Mon, 30 Oct 2006 12:11:36 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

> For octals try a 6SG7. For miniatures the common 6BZ6 is  
> a good choice.

I was trying a 6BA6 (3.4 watt dissipation) and was IM3 DR  
limited in the RF amp by a bunch. Maybe I need to look at  
anode matching.

The 6BZ6 has much higher transconductance so it should be  
quieter, but the 2.3 watt dissipation worries me.

> Don't take the antenna/input tank for granted.

It's OK.

I called the RCA tube factory for an applications engineer  
but the number has been disconnected.

Thanks,  
Tom

-----  
Message-ID: <4546578E.3000307@aafradio.org>  
Date: Mon, 30 Oct 2006 14:50:38 -0500  
From: AAFRadio <mike\_25-z@aafradio.org>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Hands down - the 6ES8 dual triode, Tom. ENR is only 160 ohms. Only  
remote cutoff triode I know of, one of the last great tube designs. Use

a cascode circuit...the tube was intended for it.

73,  
Mike de KC4TOS

Tom Rauch wrote:

```
>> For octals try a 6SG7. For miniatures the common 6BZ6 is a good choice.
>
>
> I was trying a 6BA6 (3.4 watt dissipation) and was IM3 DR limited in
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>
>
> It's OK.
>
> I called the RCA tube factory for an applications engineer but the
> number has been disconnected.
>
> Thanks,
> Tom
>
>
>
```

-----  
Message-ID: <000e01c6fc70\$9b2b7110\$ad00a8c0@Morris1>  
From: "Morris Odell" <vilgotch@bigpond.net.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Date: Tue, 31 Oct 2006 09:13:19 +1100  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=response  
Content-Transfer-Encoding: 7bit

What about a 6EH7 (or 6GM6 in 7 pin)?

That was the ultimate frame grid RF pentode IIRC. There are also various "industrial" tubes made towards the end of the tube era with enormous transconductances that might be worth experimenting with. Tubes like the

7788 or E180F. There were also very nice triodes optimised for RF work such as the E88C. If you can prise them away from the audiophoole community they're worth a play.

Morris

----- Original Message -----

From: "Tom Rauch" <w8ji@contesting.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Tuesday, October 31, 2006 2:38 AM  
Subject: RF amplifier stage pentode

>I know this is a long shot, but does anyone have any idea what a very stout  
>or the most stoutest RF amplifier tube is for a receiver?

>

> Remote cutoff so it can be AGC'ed?

>

> I've got a very good mixer with a beam deflection tube in a homebrew  
> receiver but need an equally good RF amplifier.

>

> Thanks,

>

> Tom

>

>

-----  
Message-ID: <14160841.1162248892325.JavaMail.root@elwamui-milano.atl.sa.earthlink.net>

Date: Mon, 30 Oct 2006 17:54:52 -0500 (EST)

From: spr@earthlink.net

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: RF amplifier stage pentode

Mime-Version: 1.0

Content-Type: text/plain; charset="UTF-8"

Content-Transfer-Encoding: 7Bit

Folks,

Cascode triode amplifiers are quieter than pentodes, because they do not suffer from partition noise as the current isn't divided between the screen grid and plate. That's why tube TV front ends all have cascode RF amps. This is physics speaking here, and you cain't beat it...

Peace,

Scott

-----Original Message-----

>From: Morris Odell <vilgotch@bigpond.net.au>  
>Sent: Oct 30, 2006 5:13 PM  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: Re: RF amplifier stage pentode  
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>Morris

>

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>To: "Old Tube Radios" <boatanchors@theporch.com>  
>Sent: Tuesday, October 31, 2006 2:38 AM  
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>> receiver but need an equally good RF amplifier.

>>

>> Thanks,

>>

>> Tom

>>

>>

>

-----  
Message-ID: <45468506.3070408@aafradio.org>

Date: Mon, 30 Oct 2006 18:04:38 -0500

From: AAFRadio <mike\_25-z@aafradio.org>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: RF amplifier stage pentode

Content-Type: text/plain; charset=UTF-8; format=flowed

Content-Transfer-Encoding: 7bit

Absolutely true - that's why I suggested it. Hard to find a variable mu triode, but the 6ES8 is one of 'em. Same design as the 6DJ8 frame grid, but with variable spacing on the grid wire to provide the remote cutoff.

spr@earthlink.net wrote:

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>>Subject: Re: RF amplifier stage pentode

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>>>I've got a very good mixer with a beam deflection tube in a homebrew  
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>>>  
>>>Thanks,  
>>>  
>>>Tom  
>>>  
>>>  
>>>  
>>>  
>  
>  
>  
>  
>  
>

-----  
Message-ID: <001201c6fc7c\$c5098ec0\$ad00a8c0@Morris1>  
From: "Morris Odell" <vilgotch@bigpond.net.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Date: Tue, 31 Oct 2006 10:40:23 +1100  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="UTF-8";  
    reply-type=response  
Content-Transfer-Encoding: 7bit

True enough, but given the noisy state of the HF spectrum, not as important  
as for a VHF receiver. With late production high gm tubes the difference in  
Req is pretty small

eg: E180F      gm = 16.5 ma/V    Req = 330 ohms

E88C triode      gm = 13.5            Req=240 ohms up to 1 GHz

If you can find a E810F it has a gm of 50 ma/V and a Req of 110 ohms!!

The only catch is, I'm not sure whether they are remote cutoff, I suspect  
not.

Morris

----- Original Message -----

From: "AAFRadio" <mike\_25-z@aafradio.org>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Tuesday, October 31, 2006 10:04 AM  
Subject: Re: RF amplifier stage pentode

> Absolutely true - that's why I suggested it. Hard to find a variable mu  
> triode, but the 6ES8 is one of 'em. Same design as the 6DJ8 frame grid,  
> but with variable spacing on the grid wire to provide the remote cutoff.

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> spr@earthlink.net wrote:

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>>

>>Scott

>>

>>-----Original Message-----

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>>>Sent: Oct 30, 2006 5:13 PM  
>>>To: Old Tube Radios <boatanchors@theporch.com>  
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>>>>  
>>>>  
>>  
>>  
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Message-ID: <454697AD.4030002@aafradio.org>  
Date: Mon, 30 Oct 2006 19:24:13 -0500  
From: AAFRadio <mike\_25-z@aafradio.org>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RF amplifier stage pentode  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 7bit

Agree, Morris - but I thought Tom was looking for the holy grail to match his mixer. Isn't that pursuit of perfection, even if it's only 0.5 dB, what it's all about? As you suspected, I don't believe the alternates you mention are remote cutoff, either. That's a huge problem in terms of front end performance. The difference between an ENR of 160 and 110 ohms is negligible. The 6ES8/ECC189 has a transconductance of 12,500umhos, and a significant dynamic range as well as resistance to IM distortion in the cascode configuration - at least in my experience. YMMV. Usual prices on the web are in the USD \$6-10 region. Hard to beat. I own no stock in 6ES8s, BTW. I \*have\* compared friendly notes with Walt Hutchens of ER and HBR fame a time or two at hamfests in buying them, but that is about it. :-)

- Mike



Morris Odell wrote:

```
> True enough, but given the noisy state of the HF spectrum, not as
> important as for a VHF receiver. With late production high gm tubes
> the difference in Req is pretty small
>
> eg: E180F      gm = 16.5 ma/V   Req = 330 ohms
>
>   E88C triode    gm = 13.5       Req=240 ohms up to 1 GHz
>
> If you can find a E810F it has a gm of 50 ma/V and a Req of 110 ohms!!
>
> The only catch is, I'm not sure whether they are remote cutoff, I
> suspect not.
>
> Morris
>
> ----- Original Message ----- From: "AAFRadio" <mike_25-z@aafradio.org>
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Sent: Tuesday, October 31, 2006 10:04 AM
> Subject: Re: RF amplifier stage pentode
>
>
>> Absolutely true - that's why I suggested it. Hard to find a variable
>> mu triode, but the 6ES8 is one of 'em. Same design as the 6DJ8 frame
>> grid, but with variable spacing on the grid wire to provide the
>> remote cutoff.
>>
>> spr@earthlink.net wrote:
>>
>>> Folks,
>>>
>>> Cascode triode amplifiers are quieter than pentodes, because they do
>>> not suffer from partition noise as the current isn't divided between
>>> the screen grid and plate. That's why tube TV front ends all have
>>> cascode RF amps. This is physics speaking here, and you cain't beat
>>> it...
>>>
>>> Peace,
>>>
>>> Scott
>>>
>>> -----Original Message-----
>>>
>>>> From: Morris Odell <vilgotch@bigpond.net.au>
>>>> Sent: Oct 30, 2006 5:13 PM
>>>> To: Old Tube Radios <boatanchors@theporch.com>
```

>>>> Subject: Re: RF amplifier stage pentode  
>>>>  
>>>> What about a 6EH7 (or 6GM6 in 7 pin)?  
>>>>  
>>>> That was the ultimate frame grid RF pentode IIRC. There are also  
>>>> various "industrial" tubes made towards the end of the tube era  
>>>> with enormous transconductances that might be worth experimenting  
>>>> with. Tubes like the 7788 or E180F. There were also very nice  
>>>> triodes optimised for RF work such as the E88C. If you can prise  
>>>> them away from the audiophool community they're worth a play.  
>>>>  
>>>> Morris  
>>>>  
>>>> ----- Original Message ----- From: "Tom Rauch" <w8ji@contesting.com>  
>>>> To: "Old Tube Radios" <boatanchors@theporch.com>  
>>>> Sent: Tuesday, October 31, 2006 2:38 AM  
>>>> Subject: RF amplifier stage pentode  
>>>>  
>>>>  
>>>>  
>>>>> I know this is a long shot, but does anyone have any idea what a  
>>>>> very stout or the most stoutest RF amplifier tube is for a receiver?  
>>>>>  
>>>>> Remote cutoff so it can be AGC'ed?  
>>>>>  
>>>>> I've got a very good mixer with a beam deflection tube in a  
>>>>> homebrew receiver but need an equally good RF amplifier.  
>>>>>  
>>>>> Thanks,  
>>>>>  
>>>>> Tom  
>>>>>  
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End of BOATANCHORS Digest 3969

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